

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Karen A. KETCHUM et al. Art Unit: TBA

Serial No.: TBA

Examiner: TBA

Filed: September 4, 2003

Atty. Docket: CL001013CIPCON

For: ISOLATED HUMAN TRANSPORTER PROTEINS,
NUCLEIC ACID MOLECULES ENCODING HUMAN
TRANSPORTER PROTEINS, AND USES THEREOF

**Statement Regarding Duty to Disclose Information Material To Patentability Under
37 CFR 1.56 (a) and (b)**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants hereby notify the US Patent and Trademark Office of the documents listed on the attached PTO Form SB/08A, which may be deemed relevant to the patentability of the claims of the above application. One copy of each of the listed documents is submitted herewith. The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application.

No fee is due for this submission. However, the Patent and Trademark Office is authorized to charge any necessary fees related to the processing of this application to Deposit Account No. 50-0970.

Respectfully submitted,

CELERA GENOMICS

Date: September 4, 2003

By: 

Lin Sun-Hoffman, Ph.D., Reg No. 47,983

Celera Genomics
45 West Gude Drive, C2-4#21
Rockville, MD 20850
Tel: 240-453-3628
Fax: 240-453-3084

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	TBA
		Filing Date	September 4, 2003
		First Named Inventor	Karen A. KETCHUM et al.
		Art Unit	TBA
		Examiner Name	TBA
Sheet 1 of 2	Attorney Docket Number	CL001013CIPCON	

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 00 47771 A	08-17-2000	Bougueleret et al.		
		WO 99 41373 A	08-19-1999	Incyte Pharma et al.		
		WO 01 23547 A	04-05-2001	Human Genome Sciences		
		WO 01 92304 A	12-06-2001	Incyte Genomics		
		WO 02 22802 A	03-21-2002	Glaxo Group Ltd et al.		
		WO 02 062998 A	08-15-2002	Nakanishi et al.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete If Known

Application Number	TBA
Filing Date	September 4, 2003
First Named Inventor	Karen A. KETCHUM et al.
Group Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	CL001013CIPCON

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Dias Neto et al. "PM1-BT0585-310100-002-e10 BT0585 Homo Sapiens cDNA, mRNA Sequence – Shotgun Sequencing of the Human Transcriptome with ORF Expressed Sequence Tags." Database EMBL SEQUENCE LIBRARY 'Online! June 21, 2000. Database accession No. BE075065. XP002230696.	
		Birren et al. "Homo Sapiens Chromosome 17, Clone RP11-589P10, Complete Sequence – Homo Sapiens Chromosome 17, Clone RP11-589P10." Database EMBL SEQUENCE LIBRARY 'Online! April 12, 2000. Database Accession No. AC040977. XP002230697.	
		Yoon et al. "Cloning of the Human Monocarboxylate Transporter MCT3 Gene: Localization to Chromosome 22Q12.3-13.2." Genomics. Academic Press, San Diego, US. Vol. 60, 1999, Pages 366-370. XP002950745.	
		Lin et al. "Human Monocarboxylate Transporter 2 (MCT2) is a High Affinity Pyruvate Transporter." Journal of Biol. Chem. Baltimore, MD, US. Vol. 273, No. 44, Pages 28959-28965. October 30, 1998. XP002220340.	
		Price Nigel et al. "Cloning and Sequencing of Four New Mammalian Monocarboxylate Transporter (MCT) Homologues Confirms the Existence of a Transporter Family with an Ancient Past." Biochemical Journal, Vol. 329, No. 2, January 15, 1998. Pages 321-328. XP002230695.	
		Price et al. "Monocarboxylate Transporter 7 – SLC16A6 or MCT7 or MCT6 – Cloning and Sequencing of Four New Mammalian Monocarboxylate Transporter (MCT) Homologues Confirms the Existence of a Transporter Family with an Ancient Past." May 30, 2000. Database SWISSPROT 'Online! Accession No. 015403. XP002230698.	
		Halestrap Andrew et al. "The Proton-Linked Monocarboxylate Transporter (MCT) Family: Structure, Function and Regulation." Biochemical Journal. Vol. 343, No. 2, October 15, 1999. Pages 281-299. XP002205906.	
		Hadjiagapiou et al. "Distribution of Monocarboxylate Transporter 1 (MCT 1) in Human Tissues." Gastroenterology, Vol. 112, No. 4 SUPPL., 1997, Page A367. XP008013623.	
		International Search report dated February 28, 2003.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.